

ABSTRACT

5 A protective layer (7) formed of a metal or metal alloy capable of absorbing considerable thermomechanical deformations without causing fissures to appear is described for energy storage systems. In particular, the metal or the metal alloy has an expansion coefficient less than $6 \cdot 10^{-6} \text{ }^{\circ}\text{C}^{-1}$.

10 The protective layer may be associated with a second layer (6) in insulating ceramic.

A deposition method is described.

15 Said protection is principally advantageous for microbatteries (10), the constituents of which are reactive to air.

(Unique figure)